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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/689,482	10/20/2003	Xie Shao	27615-CNT2	7931
23589 7	590 07/07/2004		EXAMINER	
HOVEY WILLIAMS LLP			LEE, SIN J	
	BLVD., SUITE 400 Y, MO 64108		ART UNIT PAPER NUMBER	
	,		1752	

DATE MAILED: 07/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
	10/689,482	SHAO ET AL.	\bigcup'
Office Action Summary	Examiner	Art Unit	
·	Sin J. Lee	1752	
The MAILING DATE of this communication	I	1	
Period for Reply		,	-
A SHORTENED STATUTORY PERIOD FOR RE THE MAILING DATE OF THIS COMMUNICATIO - Extensions of time may be available under the provisions of 37 CF after SIX (6) MONTHS from the mailing date of this communication - If the period for reply specified above is less than thirty (30) days, a - If NO period for reply is specified above, the maximum statutory pe - Failure to reply within the set or extended period for reply will, by st Any reply received by the Office later than three months after the meanned patent term adjustment. See 37 CFR 1.704(b).	DN. R 1.136(a). In no event, however, may a a reply within the statutory minimum of thi rirod will apply and will expire SIX (6) MO latute. cause the application to become A	reply be timely filed inty (30) days will be considered timely. NTHS from the mailing date of this commu. BANDONED (35 U.S.C. 8 133)	nication.
Status			
1) Responsive to communication(s) filed on 2	0 October 2003.		
	This action is non-final.		
3) Since this application is in condition for allocation closed in accordance with the practice und			rits is
Disposition of Claims			
4) Claim(s) 1-44 is/are pending in the applicat	tion.		
4a) Of the above claim(s) is/are with			
5) Claim(s) is/are allowed.			
6) Claim(s) is/are rejected.			
7) Claim(s) is/are objected to.			
8) Claim(s) <u>1-44</u> are subject to restriction and	or election requirement.		
Application Papers			
9)☐ The specification is objected to by the Exam	niner.		
10) The drawing(s) filed on is/are: a)		by the Examiner.	
Applicant may not request that any objection to			
Replacement drawing sheet(s) including the cor	rection is required if the drawing	y(s) is objected to. See 37 CFR 1.	121(d).
11)☐ The oath or declaration is objected to by the	Examiner. Note the attache	d Office Action or form PTO-19	52.
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of:	eign priority under 35 U.S.C.	§ 119(a)-(d) or (f).	
1. Certified copies of the priority docum	ents have been received.		
2. Certified copies of the priority docum	ents have been received in A	Application No	
3. Copies of the certified copies of the p		received in this National Stag	je
application from the International Bur			
.* See the attached detailed Office action for a	list of the certified copies not	received.	
•••			
Attachment(s) Notice of References Cited (PTO-892)	A) [] [=4===±	Summon (DTO 442)	
2) 🔲 Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(Summary (PTO-413) s)/Mail Date	
B) Information Disclosure Statement(s) (PTO-1449 or PTO/SB, Paper No(s)/Mail Date	/08) 5) ☐ Notice of I	nformal Patent Application (PTO-152))
Paper No(s)/Iviali Date	6) Other:		

DETAILED ACTION

Election/Restrictions

- Restriction to one of the following inventions is required under 35 U.S.C.
 121:
 - Claims 1, 6-10, 28-35, and 40, drawn to a curable composition containing a non-aromatic, light attenuating compound (having two ethylenic unsaturation), classified in class 430, subclass 288.1.
 - II. Claims 2-5, 11-27, 36, 39, 41, and 42, drawn to a curable composition containing a non-aromatic, light attenuating compound which is bonded to a polymer binder, classified in class 430, subclass 287.1.
 - III. Claims 37 and 38, drawn to a curable composition containing a non-aromatic, light attenuating compound (having one ethylenic unsaturation), classified in class 430, subclass 281.1.
 - IV. Claims 43 and 44, drawn to a cured layer, classified in class 430, subclass 271.1.
- 2. The inventions are distinct, each from the other because of the following reasons:
- 3. Inventions I and II are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case, Invention I is drawn to an independent light attenuating compound having two ethylenic unsaturation

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whereas Invention II is drawn to a light attenuating compound which is bonded to a polymer binder.

- 4. Inventions I and III are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case, Invention I is drawn to a light attenuating compound having two ethylenic unsaturation whereas Invention III is drawn to a light attenuating compound having one ethylenic unsaturation.
- 5. Inventions I and IV are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case, Invention I is drawn to a light attenuating compound having two ethylenic unsaturation whereas Invention IV is drawn to a cured layer, which is obtained by curing a composition, which contains a polymer binder, a non-aromatic, light attenuating compound, and a glycouril-formaldehyde cross-linking agent.
- 6. Inventions II and III are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case, Invention II is drawn to a light attenuating compound which is bonded to a polymer binder whereas Invention III is drawn to an independent light attenuating compound having one ethylenic unsaturation.

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- 7. Inventions II and IV are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case, Invention II is drawn to a light attenuating compound which is bonded to a polymer binder whereas Invention IV is drawn to a cured layer, which is obtained by curing a composition, which contains a polymer binder, a non-aromatic, light attenuating compound, and a glycouril-formaldehyde cross-linking agent.
- 8. Inventions III and IV are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different modes of operation, different functions, or different effects (MPEP § 806.04, MPEP § 808.01). In the instant case, Invention III is drawn to a light attenuating compound having one ethylenic unsaturation whereas Invention IV is drawn to a cured layer, which is obtained by curing a composition, which contains a polymer binder, a non-aromatic, light attenuating compound, and a glycouril-formaldehyde cross-linking agent.
- 9. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
- 10. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, III, or IV (; the search required for Group II is not required for Group I, III, or IV; the search required for Group III is not required for Group I, II, or IV; and the search required for Group

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IV is not required for Group I, II, or III), restriction for examination purposes as indicated is proper.

11. Due to the complexity of the restriction requirement, a telephone call to the attorney for applicants was not attempted.

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

- 12. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).
- 13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sin J. Lee whose telephone number is (571) 272-1333. The examiner can normally be reached on M-F 9:00 am 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cynthia Kelly can be reached at (571)272-1526. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pairdirect.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (tollfree).

S-J-L.

S. Lee

July 6, 2004

Sin I. Lee Sin J. Lee

Patent Examiner

Technology Center 1700